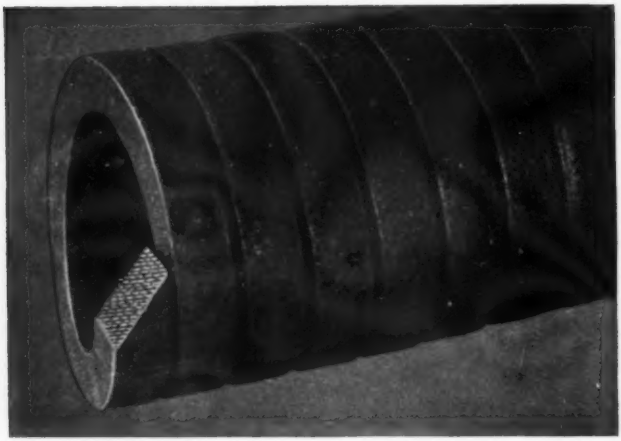
ASBESTOS

JUNE - - 1944

Buy One of These Bonds To-day



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Standardization by EHRET packing experts has produced a line of packings that has been held to a minimum number of items consistent with service, economy and good practice. Dealers and Distributors can materially reduce inventories and, at the same time, maintain stocks to cover a broad range of service requirements.

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VALLEY FORGE • PENNSYLVANIA

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MONTHLY SINCE THAT DATE
BY SECRETARIAL SERVICE
17th FLOOR INQUIRER BUILDING
PHILADELPHIA, 30, PENNSYLVANIA

Estate of C. J. STOVER, *Proprietor*
A. S. ROSSITER, *Editor*

Entered As Second Class Matter November 23, 1923, at the Post Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume 25 JUNE 1944 Number 12

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UNITED STATES	$2.00 PER YEAR
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SINGLE COPIES	.25 EACH

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FREEDOM---FROM WHAT?

In certain nationally known magazines many of the advertisements are as interesting as the editorial matter; so much so that for the past year or more we have made it a practice to read the advertisements almost as assiduously as the editorials or the news.

Often have we been tempted to use part of the advertisements as the basis for editorials and perhaps the only reason we have so far refrained is from lack of space.

Recently, however, we ran across one which we simply could not pass by. We can't quote the whole of it, altho all of it is well worth reading, but the one part which stands out like a beacon on a foggy night, reads:

"This war is being fought for *freedom from political oppression*, not for freedom from work. It's time someone had the courage to tell this fundamental truth to Americans and the whole world:—as long as you have your health nobody is ever going to give you anything; you are never going to *have* anything you don't earn by hard, efficient work."[1]

No doubt some of the younger generation will scoff at the idea. Too many of them are trying even at the present moment to get by with the least skill they can possibly give; not trying to increase their skill, learn a new trade or improve in their present one. And because jobs are plentiful and manpower is becoming more and more of a problem, they can get by to a certain extent at the present. But what about the future? If they think at all it is to the effect that if work is not available the state (meaning the government) will see that they are somehow given the means to live.

If even half of those workers who have such ideas in mind could be changed to steady, efficient and dependable workmen, most of the manpower shortage and perplexities would vanish overnight.

Many of the larger firms realize that they can decrease their manpower shortage by teaching and training the per-

[1] Advertisement of Warner & Swasey in *Newsweek*.

sonnel they have rather than by increasing the number of workers and have established schools to that end.

We must teach the youth of our land the joy of efficient work, the happiness that comes from a job well done; the falseness of the "something for nothing" creed.

THE FUEL EFFICIENCY PROGRAM

The national fuel-efficiency program, sponsored by the National Fuel Efficiency Section of the U. S. Bureau of Mines, is off to a good start.[1]

Pledges of cooperation from scores of industrial executives in all parts of the United States have begun coming into the Bureau of Mines. Seventy-six "co-ordinators" who will direct a staff of approximately 5,000 regional engineers, including some of the nation's foremost fuel experts—have been appointed and the list will finally, it is expected—reach 300.

The idea is to have regional engineers call at industrial and commercial plants in their respective areas to analyze fuel-utilization conditions, offer suggestions for greater operating efficiency and to distribute special technical literature prepared for the program by experts in the operation and maintenance of various types of fuel-burning equipment. Additional fuel economies, which may yield even greater results, will be sought outside the boiler rooms by promoting the use of insulation and the conservation of electricity, steam, hot water, compressed air, and other sources of heat and energy stemming from fuel.

Reports from coordinators and regional engineers indicate that plant managers are welcoming the technical advice and the opportunity to help their country solve the serious problems of wartime fuel shortages.

—:—

Because of serious decline in cork imports and consequent need for dipping into decreasing cork stockpiles, grinding and milling cork will be allocated by specific end use beginning June 1. Corkwood, however, will not be included in this allocation program.

[1] See March 1944 "ASBESTOS", page 4, for description of British Fuel Saving Drive.

PIPING MAINTENANCE

Inspect, Repair and Insulate

By Fred D. Mosher

One of the first requirements for good plant maintenance is that inspections be made on an organized basis, made regularly, and made thoroly. Inspection must cover inaccessible parts of plants, equipment, and everything else subjected to wear and tear, as well as the apparatus which is normally exposed to view. Piping maintenance sometimes gets neglected because it does not lend itself readily to thoro inspection. One of the larger power plant insurance companies has been carrying on a campaign for years to have new piping installed where it can be inspected, and to have old piping, much of it buried under building floors, re-located so that failures can be prevented. Much production time has been lost, and valuable equipment has been damaged because of the failure of piping which had not been inspected with regularity. At the present time, when more than dollars may be wasted because of plant outages, it is essential that piping be maintained in good condition.

Piping, contrary to opinion in many quarters, will not give service indefinitely without a reasonable amount of attention, and for this reason it should be scheduled for regular inspections. Older installations, particularly, should have a thoro inspection annually. The supports for piping should be examined for stripping of threads, cracks caused by vibration, sagging and failure of parts of the structure to which supports are fastened. Flexibility is necessary in most piping, but noticeable swinging and bending is an indication that additional supports are necessary. A continual reversal of motion in lengths of piping will set up fatiguing stresses in hangers and fixed supports which will ultimately result in failure if corrective measures are not taken. Inspection should cover such points. Expansion joints, piping anchors, and bends are designed to take care of strains and changes in length due to temperature change. Often defects in these devices do not manifest themselves for several years after original installation so that the piping assumes new

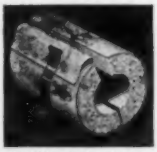
Carey HEAT INSULATIONS

Careycel—For temperatures up to 300° F.

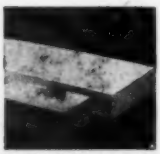
ASBESTOS · MAGNESIA

The CAREY Line includes high efficiency insulating materials of Asbestos and Magnesia for every known service condition—for temperatures ranging from

SUB-ZERO to 2500° F.



85% Magnesia—For High & Med. Pressure.



Hi-Temp Blocks—For Furnaces, Ovens, Kilns, etc.

In addition to the insulations shown, Carey makes other Asbestos Specialties — as Plastic and dry Refractory Cements, Asbestos Paper, Asbestos Millboard, Asbestos Packings, Asbestos Cements, Flat and Corrugated Sheathing, Careystone Asbestos-Cement Shingles and Siding, Asbestos Fibre.

Wholesalers and Applicators of Insulation Materials—write for details and prices.

Combination Hi-Temp—85% Magnesia.

Hair Felt Insulation For sub-zero.

CAREYDUCT—

the all-asbestos duct for conveying conditioned air. Combines duct and insulation. Fireproof, sound-deadening, permanent, economical, easily erected.

Cut-out view of CAREYDUCT—assembled sections showing staggered joint construction and taped outer jacket. Smooth appearance.

THE PHILIP CAREY MFG. COMPANY • Lockland, Cincinnati, Ohio
"Dependable Products Since 1873"
IN CANADA: THE PHILIP CAREY COMPANY LTD., [illegible], CANADA

alignment with age. Most piping must be supported in such a way that a slope always exists to provide flow or drainage. Inspections should note that the slope is being maintained, and that sags or pockets are not in the process of developing due to a weakening building or other reasons. Rollers are provided to support and at the same time permit the free movement of piping, contact between rollers and piping must be maintained, or other supports must be overloaded to carry the weight.

Vibration is one of the most troublesome elements in piping maintenance. Surrounding machinery, the piping layout itself, and the various forces transmitted to the piping and supports from surrounding structures may have destructive effects on piping. It is one of the functions of piping inspection to note the extent of piping vibration, estimate its probable effects, and locate the cause or causes. Instruments are available for the detection of vibrations and their extent. In changeovers made necessary by increased production it often happens that piping gets overloaded, higher temperatures are introduced which bring about new expansion conditions, and additional condensate or valve operations produce vibrations from fluid hammer. Such conditions must be checked early and proper steps taken for their correction. Piping troubles are not always easy to find and vigilance is required to uncover defects which may become serious if allowed to go unchecked.

Piping leakage may be listed properly under the heading of "hidden defects" since neither the location or cause are apparent in many cases. This is often true of piping subjected to wide ranges of temperature. Joints which were improperly aligned and taken up may give trouble for years before discovery; frequently the reason for neglecting such leaks is that the period of leakage is short because the joints "take up" when the higher temperature is reached. Such a condition is bad. The constant leakage and tightening process means that the joint is "breathing" and alternately expanding and contracting and this movement gradually permits the leakage to increase with destructive results to flange faces, surrounding piping, and insulation. No leak, however small, should go unattended. Wet spots around flanges, fittings, and

Asbestos Fibre Distributors

Through the untiring efforts of the research scientists, there are now a thousand and one uses for the rare properties with which nature has endowed her magic mineral . . . asbestos. Supplying the proper asbestos fibre for every specific use has long been the specialty of Asbestos Fibre Distributors. If you would like samples, prices or further information, address:

ASBESTOS FIBRE DISTRIBUTORS

Division of Johns-Manville Sales Corp.

22 EAST 40th ST. NEW YORK, N. Y.

valves should be traced to their source. Steam and other leaks behind insulation may corrode piping to the dangerous point, and failure may curtail operations and result in costly repairs. Suspected areas should be exposed for examinations; insulation is cheaper than piping and easier to obtain.

It is usual to find that leaks at flanged joints, even tho the leakage has been small and intermittent, will have scored flange faces and destroyed the gasket material. It is advisable that flanges be examined for scoring and gasket destruction before other corrective steps are taken. Scored faces should be built up by welding and ground to fit. In replacing gaskets it is recommended that the thinnest possible sheet asbestos be used. It is bad practice to attempt correction of expansion troubles by the use of heavy gaskets; altho gaskets have some elasticity it is insufficient to take care of expansion and contraction. In applying asbestos gaskets dope should not be applied to both sides of the gasket since on separation of the flanges for any reason the gasket material will be torn and a new gasket will be necessary. When a gasket is installed in a joint the bolts should be taken up carefully so that the halves of the joint will come together evenly. On high pressure lines it is necessary to follow up flanges for several days after re-gasketing so that the effects of pressure and temperature are compensated for by a permanent tightening of the flange.

If plant operators would take time to check the losses from under-insulated piping, many would be astounded at the great waste caused by too little or no insulation. A single foot of bare 4" piping, operating at moderately low pressure, will cause a loss of nearly 10,000 B. T. U. per year; if this is multiplied by the many hundreds of feet of bare or poorly insulated piping, the loss of heat and total waste of fuel is staggering. Old plants have been hastily re-conditioned for war service, with the chief concern being that the equipment will function with safety. The maintenance of such plants should give considerable attention to piping insulation. In many cases old insulation should be removed entirely; the insulation of old piping should be checked for thickness; broken

VERMONT

ASBESTOS

MINED IN U. S. A.

Clean, well fiberized asbestos particularly well suited for the manufacture of the better types of

BRAKE LINING • CLUTCH FACING • ROOFING PAINTS
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MOLDED PLASTICS • ASBESTOS PAPER • MILLBOARD

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VERMONT ASBESTOS MINES

Division of The RUBEROID Co.

HYDE PARK, VERMONT

SALES OFFICE, 500 FIFTH AVENUE, NEW YORK CITY • MINE, EDEN, VT.

insulation should be renewed and new covering applied.

For temporary repairs and irregular surfaces broken pieces of 85% magnesia may be ground up and mixed with water and applied, and the exterior may be surfaced with insulating asbestos cement. But it should be borne in mind that whenever possible block asbestos insulation should be used, the blocks to be preformed to fit the piping contours. Insulating should not be done by guess. The various insulating material manufacturers have made exhaustive studies to determine kind and thickness of insulation, best suited to the installation. Dollars may be saved by consulting tables on thicknesses and types of insulation for various temperatures and pressures.

In applying insulation to piping it must be made to fit snugly to the surfaces; loose pipe coverings will increase heat loss and suffer most damage from impact against it. Steam lines which pass thru tunnels where moisture is likely to collect on surfaces or where there is any danger at all of moisture penetration from the outside, should be water-proofed with a coating consisting of a combination of asbestos fibres and emulsified asphalt. Where the lines pass underground treated asbestos felt jackets are recommended. Cracks in waterproofed lines should be repaired by jacketing the area and sealing with asbestos cement. New conditions may require that heavier jackets be applied.

Six "pointers" on insulation for pipes should be kept in mind.

1. A good insulating material will support its own weight but it should not be expected to support other weight such as scaffolding, ladders, or spare piping loaded as on a pipe-rack.
2. Air space between pipe and insulating material will assist the prevention of heat waste, but more than a ¼" space is not necessary, and greater space makes for poor application.
3. Store insulation in strong cartons. Insulating blocks and other shapes will eventually become broken if thrown in a miscellaneous heap.
4. There is a right insulating material for every service. Before making a selection of asbestos

Manufacturers of a complete line

ASBESTOS-CEMENT SHINGLES
ASBESTOS-CEMENT WALLBOARDS
ASBESTOS ELECTRICAL MATERIALS
ASBESTOS AND MAGNESIA PIPE AND BLOCK INSULATION
ASBESTOS PACKINGS
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ASBESTOS-CEMENT SIDING
ASBESTOS MARINE INSULATIONS
ASBESTOS-CEMENT PIPE
ASBESTOS PAPER & MILLBOARD
ASBESTOS TEXTILES
ASBESTOS LUMBER
ASBESTOS ACOUSTICAL MATERIAL

Today, all of these K&M products are playing an important role in the War Program; contributing in many different ways to its ultimate success. For the duration, the Nation will continue to have first call on all K&M plants and employees.

Nature made asbestos. Keasbey & Mattison has made it serve mankind . . . since 1873.

KEASBEY & MATTISON COMPANY, AMBLER, PENNA.

materials consult with the manufacturer, and follow his advice.

5. Altho most insulating materials are waterproof, constant exposure to moisture will shorten their useful lives. Special waterproofing jackets should be applied where there is danger of wetting.
6. The best insulating material will be ineffective if too little is used, misapplications are made, or poor workmanship is used in application.

Treat all insulation repair jobs as if the work were new. A job worth doing should be done well. Remove all old insulation and insert standard sections; the joints should then be cemented thoroly and a new covering applied. Do not try to correct breaks with cement alone.

CLUTCH FACINGS UNDER M-293

Every purchase order for more than 1000 clutch facings (flat, asbestos, moulded and textile types) has been made subject to general scheduling controls of Order M-293, according to Release No. WPB-5743, dated May 23.

These facings are included in Table 13, as amended May 22, 1944, which is attached to the order and which lists these products under the scheduling jurisdiction of the Cork, Asbestos and Fibrous Glass Division of WPB.

Copy of the Release or of Order M-293 can be obtained by writing Office of War Information, Washington, D. C.

TEST

. . . the added sales volume awaiting you among the nation's roofing and siding contractors. Write to . . .

AMERICAN ROOFER and SIDING CONTRACTOR
425 Fourth Avenue, New York City

RUBBER CEMENT

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ASBESTOS PACKINGS

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UNION ASBESTOS
MEANS PROGRESS IN INSULATION
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INSULATION
FOR MARINE, RAILROAD, AVIATION AND INDUSTRIAL USE

TWO ARMY-NAVY "E" AWARDS FOR EXCELLENCE IN WAR PRODUCTION
ONE TO THE CICERO, ILLINOIS PLANT; ONE TO THE PATERSON, N. J. PLANT

UNION ASBESTOS & RUBBER COMPANY

Offices: CHICAGO, NEW YORK, SAN FRANCISCO • Plants: CICERO, ILL., BLUE ISLAND, ILL., PATERSON, N. J.

HONORED

A real honor has been won by the General Insulation Company of Cambridge, Mass., and, accordingly, by the Asbestos Industry.

On June 2nd, a telegram was received by the "men and women of General Insulation Company" from John J. Hyland, Captain U. S. Navy, Inspector of Navy Material, Boston District. This is quoted in full below:

"The Inspector transmits the following telegram received from the chief of the Bureau of Ships regarding your contribution to the success of the Landing Craft Programs: 'Your excellent performance of duty in producing material and components for the landing craft program has made it possible for the building yards to exceed the quotas of landing craft set by the combined chiefs of staff for completion on June 1, 1944. These landing craft will play a vital part in the success of offensive operations of the United Nations during the critical summer. On behalf of the Secretary of the Navy the Bureau of Ships desires to pass to all hands concerned the message:—well and smartly done.' Signed E. L. Cochrane, Rear Admiral, USN."

Needless to say, Warren N. Bolster, head of the General Insulation Company is very proud of this recognition, as well he may be, and the recognition is especially appreciated coming as it did so near the date of the Invasion of Europe.

Commenting on it Mr. Bolster says that since practically all of the larger manufacturers of insulation helped the General Insulation Company by supplying them with sufficient material to enable his firm to merit the telegram, he feels that the whole Industry is honored.

...—

Reprints of the article "Tests for Cotton Content" (see page 12 of our May 1944 issue) are available in limited quantity. Price—10c each.

SO UNIFORM!

PLANT
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PLANT
RUBBER & ASBESTOS WORKS

Manufacturers of Plant Insulating Materials and Mechanical Packings Since 1920

MAIN OFFICE: SAN FRANCISCO

Sales Offices in Los Angeles, Wilmington, and Oakland, Calif.; distributors in principal cities.

Factories in Emeryville, San Francisco, and Redwood City, Calif.

U. S. Patent Nos. 2,131,374, 2,209,752, 2,209,753, 2,209,754

COMPLETE RANGE OF SIZES AND THICKNESSES IN BLOCKS AND PIPE COVERINGS

(In sectional form up to and including 18-inch pipe size.)

MARKET CONDITIONS

GENERAL BUSINESS

Rome has fallen.

D-day has arrived and the invasion has started. Business in general has been awaiting this, in fact has been marking time until it happened. Now business may be able to make at least tentative plans altho weeks may elapse before really definite steps can be taken.

While there is much talk of civilian production, little will be done until some opinion can be formed as to the success of the invasion, the quantity of various materiel it will take, and the kind of war equipment which will be needed for its completion.

Important business decisions are also being held in abeyance until a better idea of the future can be formed.

Manpower continues to be a problem everywhere.

ASBESTOS - RAW MATERIAL

Demand for all grades of Canadian asbestos remains steady, with a tendency to slacken off somewhat because of the shortage of manpower in the United States factories. Canadian production is adequate for present requirements.

Amosite shipments have not improved appreciably and on the long range viewpoint, supplies of Amosite asbestos of the longer grades are not too satisfactory.

ASBESTOS - MANUFACTURED GOODS

Asbestos Textiles. Production of all types of asbestos textiles is insufficient to supply present demand; therefore asbestos textiles are still on allocation and there is no indication that allocation will be relaxed to any extent in the near future. The chief problem of all textile manufacturers is that of manpower, so much so that the urgency of the need for men in textile factories is being impressed on local U. S. E. S. Offices by Washington. We understand that other plans are being made in a general program to increase the production of Asbestos Textiles.

Brake Lining. Scarcity of woven linings and facings shows little if any improvement. Shipments of molded linings are improving—demand continues steady. Shipments

ASBESTOS

ASBESTOS CORPORATION LIMITED

THETFORD MINES

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14 Front St.

of brake blocks, on the other hand, are reported as very poor with demand increasing.

Domestic consumption sales during April increased not only over last April but are also higher than those for the same month in any of the previous ten years. There was, however, a decline from the previous month, March. For the first four months of 1944 there is a considerable increase over the corresponding period of 1943. The total is also higher than that for any corresponding period during the previous decade.

Insulation. High Pressure. Several manufacturers report an easing up in requirements in this market altho shipments are still considerably behind, while another admits that the current new demand is not as high as it has been for many months past. The backlog of old orders is reported to be from six weeks to three months, except on isolated sizes. Prices are firm. The situation in the far west is reported as steady both as to demand and prices.

Insulation. Low Pressure. Evidence that stocks are being replenished still keeps this market active, altho direct shipments to projects are diminishing. It looks as tho the cotton textile situation might affect the insulation markets to the extent that cotton sheeting and duck for pipe covering will probably be difficult to obtain.

Asbestos Paper. It is reported that the last two months have shown a decline in this market and production is now able to take care of requirements. Prices steady.

Asbestos Millboard. Demand in this market has become normal but while requirements for war projects have dropped off, orders are still active and keeping pace with production. One manufacturer who had expected and predicted a decrease in the Millboard market reports that it has been especially active during the past month with prices firm.

Asbestos-Cement Products. The demand for asbestos cement shingles and sidings continues well in excess of the available supply, while a steady call for corrugated sheets and industrial boards is also reported. Wallboard requirements show perhaps a slight reduction.

The market for flat and corrugated sheets for indus-

JOHNSON'S COMPANY

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SAN FRANCISCO, CALIF.	LIPPINCOTT CO., INC. 461 Market Street

UP—FROM DOWN

"Australian Blue" Asbestos comes to America—

Deep in the rain-starved Great Plateau area of Australia lie quantities of fine high-grade Blue Asbestos. 200 miles of arid desert challenge its transportation to the sea . . . 200 miles of sand and heat, to test the mettle of men who mine this precious mineral. When trucks are no longer available, trusty camels — "ships of the desert" — are called into service, carrying water and food into the mines — returning to the sea with valuable cargoes of Asbestos. Then begins the long voyage of 12,000 miles to America, where this fine

ASBESTOS

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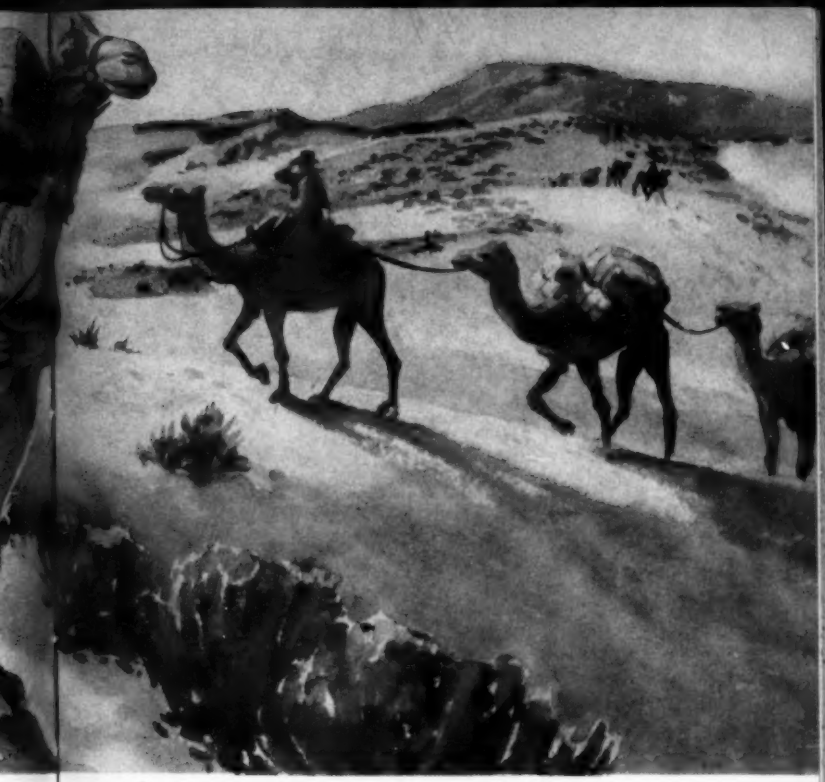
EVERY TYPE OF RAW ASBESTOS CARRIED IN STOCK: ARIZONA • AUSTRALIAN • BOLIVIAN • CANADIAN • CHINESE

Manufacturers of *Asbestos Cement Board and Cyprus Asbestos Siding* . . . Created



OM OWN UNDER

o Aust — *from below the Tropic of Capricorn*

"Australian Blue" is used in a large measure in war production.

★ ★ ★ ★ ★

In spite of the tremendous hardships and problems of transportation, vital raw Asbestos is brought to America by Asbestos Limited Inc., the only company in America that specializes in the supply of raw Asbestos from every known source . . . to provide the right type of Asbestos for every specific need—for American industry and Victory!

If you are manufacturing for war purposes, possibly we can assist you to conserve asbestos . . . and to obtain better results. Your inquiries will receive our prompt attention.

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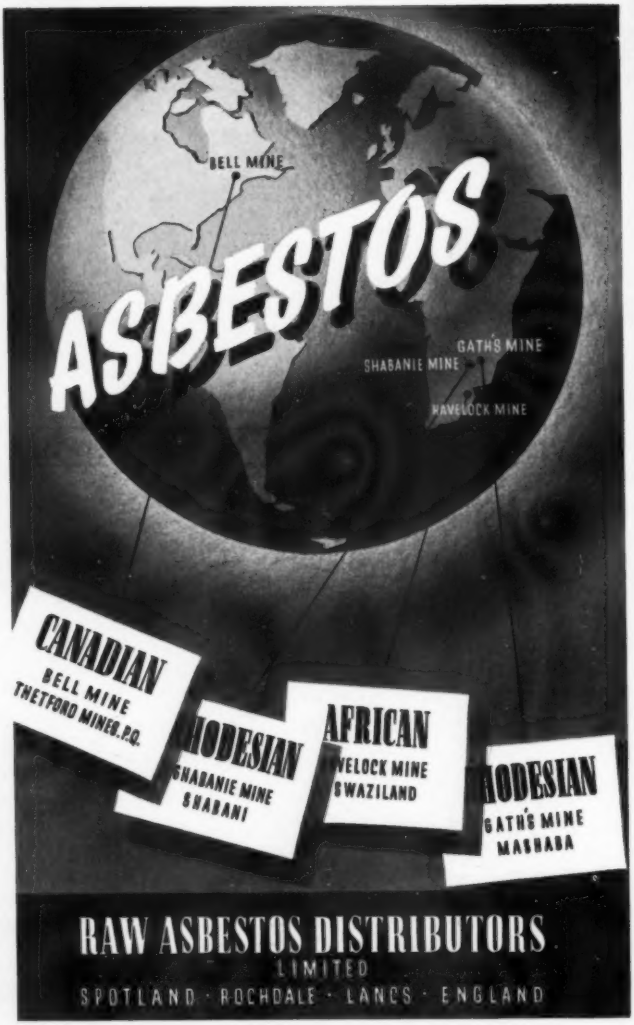
Creator manufacturers of *New Era Insulation*, lightest rigid insulation for all temperatures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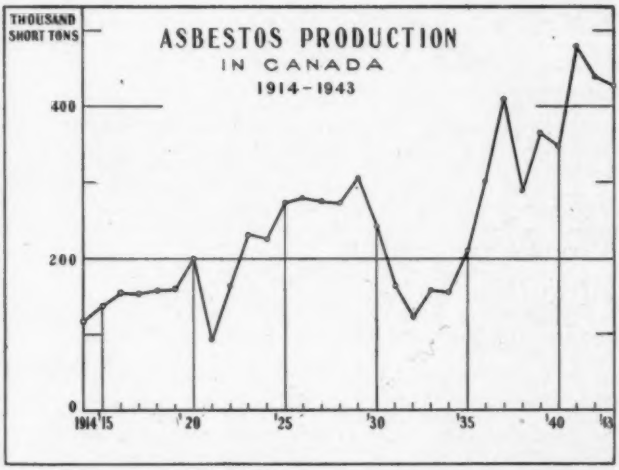
trial work continues active, especially in the Middle West and Pacific Coast areas.

Pipes find a steady market altho continuing Government restrictions do not allow the natural demand to appear in the market. Increased call for this commodity appears in the middle and far west.

The manpower situation affects all asbestos products markets unfavorably, and packaging is becoming an increasingly difficult problem also.

The above comments have been received from men in close touch with the various markets and with field conditions. Opinions are welcomed from any of our readers who wish to send us their ideas.



This graph appears on page 32 of the recently issued "Preliminary Report on the Mineral Production of Canada 1943," published by the Dominion Bureau of Statistics at Ottawa, Ont., Canada. See page 28 of May 1944 "ASBESTOS" for figures covering quantity and value of Asbestos Production for the years 1940, 1941, 1942 and 1943.

CONTRACTORS AND DISTRIBUTORS PAGE

FARM SUPPLIES MADE AVAILABLE

Amendments have been made to Priorities Regulation 19 to aid farmers in obtaining available supplies necessary for farm operation.

The amendments, issued May 6, also expand the list of items affected, and raise the priority of certificates covering those items from AA-5 to AA-2X, with the exception of a few building materials.

Under the terms of the amended regulation, dealers are required to give farmers preference in the purchase of all listed items, upon written certification by the farmer that the supplies covered by the order "are needed now and will be used for other than household purposes in the operation of a farm". Such certification will carry the priority of AA-2X.

Mechanical packing is included in the list of materials covered by the priority AA-2X, while insulating material (bat, blanket, board or fill type), cement-asbestos board (¼" or less), and cement-asbestos roofing and siding are given priority AA-3.

Copy of the regulations as amended, including the full list of materials, can be obtained by asking the Office of War Information, Washington, D. C., for WPB-5667, including PR-19 as amended May 6, 1944.

BUILDING

Construction contracts awarded during February totaled $137,246,000 in the 37 eastern states, according to the F. W. Dodge Corporation. This was 65% below the February total in 1943.

In March the total for these 37 eastern states was $176,383,000 compared with $339,698,000 in March 1943.

April construction contracts were ahead of March, the total for April 1944 being $179,286,000; which was 41% below April 1943.

Note that the above figures cover the 37 eastern states only which accounts for the difference in figures given in our May number which covered the entire United States.

AREA TABLES

The table on the opposite page is the second in the Series of twelve compiled by Elbert R. Sitton of Houston, Texas.

This one covers 300 lb. Flanges. We hope these tables are helpful.

SERIES 30 300 LB. FLANGES.

Pipe Size	Metal Area	1" *	1½" *	2" *	2½" *	3" *	3½" *	4" *
½"	.52	1.07	1.53	1.99	2.45	2.91	3.37	3.83
¾"	.56	1.12	1.58	2.04	2.51	2.97	3.44	3.91
1"	.60	1.20	1.67	2.14	2.62	3.09	3.56	4.04
1¼"	.70	1.31	1.79	2.27	2.76	3.25	3.74	4.23
1½"	.88	1.59	2.11	2.63	3.16	3.68	4.21	4.73
2"	.96	1.65	2.18	2.71	3.25	3.78	4.31	4.85
2½"	1.30	2.00	2.57	3.15	3.72	4.30	4.87	5.45
3"	1.50	2.22	2.81	3.41	4.00	4.60	5.19	5.79
3½"	1.70	2.44	3.05	3.67	4.29	4.90	5.52	6.14
4"	2.00	2.82	3.47	4.12	4.78	5.43	6.08	6.74
5"	2.40	3.14	3.82	4.50	5.19	5.87	6.55	7.24
6"	2.80	3.62	4.34	5.06	5.79	6.51	7.23	7.96
7"	3.30	4.11	4.87	5.63	6.39	7.15	7.91	8.67
8"	4.00	4.71	5.49	6.27	7.05	7.83	8.62	9.40
9"	4.20	5.25	6.09	6.93	7.77	8.61	9.45	10.31
10"	4.90	5.85	6.71	7.58	8.44	9.31	10.18	11.05
12"	6.04	7.36	8.33	9.30	10.27	11.24	12.21	13.18
14"	7.20	8.74	9.81	10.88	11.96	13.03	14.10	15.18
16"	8.70	10.27	11.38	12.49	13.60	14.71	15.82	16.94
18"	9.10	11.51	12.71	13.91	15.11	16.32	17.53	18.74
20"	11.50	12.99	14.26	15.53	16.80	18.08	19.36	20.64
24"	15.00	16.88	18.32	19.76	21.20	22.65	24.10	25.55

* Denotes sq. ft. area at thickness shown from metal. Use metal area for first layer of blocks.

Compiled by Elbert R. Sitton

WHEN SILENCE IS GOLDEN

By John T. Bartlett

Salesmen have to talk. They can't communicate ideas, arrive at orders, without speech Some salesmen seem to believe that fluency is the first requisite of professional salesmanship. They seem to believe that the solution for any selling problem is in talk.

How far from the truth! The old proverb, "Silence is golden," applies to numerous situations in which a salesman may find himself.

There are fairly numerous subjects which a salesman should not discuss with a prospect. When the latter brings up such a subject, the salesman should be silent upon them.

For example, a good customer asks a salesman for advice on a very personal subject—his marital relations. Keep your mouth shut, Brother!

Keep still when you are tempted to engage in political debate, or argue over a religious question.

When you are tempted to boast, and to display your forensic accomplishments—don't. Leave the floor to the customer. You may consider yourself a grand entertainer, but the chances are ten to one the customer would rather "entertain" you than listen to you.

A policy of careful silence has held many a strained customer relationship in hand, until the customer "got over" his peeve. The smart salesman finds the invitation to knock-out-and-knock-down trivial affrays. He may realize the customer is spoiling for a fight—so he swallows all affront. The time comes when the policy of silence is rewarded; the customer "gets over" it.

Often in a selling relationship, there is a point of weakness of which the salesman is keenly aware. The smart thing is to ignore it completely—even to react with silence to references of the prospect. Silent treatment has a large place in advance salesmanship.

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THE INVASION HAS BEGUN—BUY WAR BONDS

NEWS OF THE INDUSTRY

BIRTHDAYS

E. B. Poulin, Secretary-Treasurer, Asbestonos Corporation, Limited, St. Lambert, Montreal, P. Q., Canada, June 20.

W. H. Dunn, Secretary, Raybestos-Manhattan, Inc., Passaic, N. J., June 22.

C. A. Schell, Vice President, Thermoid Company, Trenton, N. J., June 22.

Charles A. Klaus, Vice President, Thermoid Company, Trenton, N. J., June 24.

A. F. Moore, Manager, Asbestos Department, The Philip Carey Mfg. Co., Lockland, Cincinnati, Ohio, June 26.

A. H. Bennett, President, A. H. Bennett Co., Minneapolis, Minn., June 27.

Chester A. Middleton, Managing-Director, Johns-Manville Corp. of Brazil, Sao Paulo, Brazil, June 27.

H. A. King, Manager, Industrial Department, The Ruberoid Co., New York City, June 28.

Frank R. Schueler, Vice President and Secretary, Asbestos, Asphalt & Insulation Mfg. Co., Chicago, Ill., June 30.

S. E. Breuleux, Assistant Treasurer, The Philip Carey Mfg. Co., Lockland, Cincinnati, Ohio, July 6.

A. V. Winterer, President, Asbestos Products Corporation, St. Paul, Minn., July 6.

Chas. S. Wood, President, Chas. S. Wood & Co., Newark, N. J., July 6.

O. C. Smith, President, Bell Asbestos Mines Limited, Thetford Mines, P. Q., Canada, July 7.

G. K. McKenzie, Secretary. The Flintkote Co., New York City, July 7.

A. M. Ehret, Jr., President, Ehret Magnesia Mfg. Company, Valley Forge, Pa., July 11.

H. W. Prentis, Jr., President, Armstrong Cork Company, Lancaster, Pa., July 11.

Thomas L. Gatke, President, Gatke Corporation, Chicago, Ill., July 16.

L. W. Noland, President, Noland Co., Newport News, Va., July 17.

Clifford F. Favrot, Partner, R. J. Dorn Company, New Orleans, La., July 18.

G. F. Bahrs, Treasurer, The Ruberoid Co., New York City, N. Y., July 18.

Birthdays—Continued.

J. F. D. Rohrbach, Vice President, Raybestos-Manhattan, Inc., Bridgeport, Conn., July 18.

To all these gentlemen we extend best wishes on the occasion of their birthdays.

RAYBESTOS SAFETY POSTER

The Raybestos Safety Poster campaign, an exclusive program of The Raybestos Division, Bridgeport, Conn., is expected to be more effective in this, the fifth year of the campaign, than ever before, because of the increased nation-wide emphasis on safety as an essential war measure for the home front.

According to figures released by the National Safety Council, war casualties from the day of the Pearl Harbor attack to January 1, 1944, totalled 139,858 killed, wounded, missing and prisoners. During the same period, casualties on the home front totalled 18,600,000 killed and injured.

Raybestos dealers are enabled to tie up with this vital safety program by means of a poster, specially designed for their use, which incorporates the safety poster itself, as shown. Both kinds of posters are supplied free.

C. E. CUMMINGS--50 YEARS

C. E. Cummings, Assistant Secretary of Raybestos-Manhattan Inc., completed his 50th year with The Manhattan Rubber Mfg. Division, on April 15th.

Mr. Cummings started in Manhattan's main office when it was located in New York, on April 15, 1894, and went to Passaic in 1905 when the office was moved from New York. He has served continuously ever since.

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THE FUNDAMENTALS OF ASBESTOS FRICTION MATERIALS, by R. T. Halstead, of the J-M Research Laboratory, appears in "The Paper Industry" May 1944 issue.

• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

MILLBOARD **YARNS**
ROVINGS **POWDER** **CLOTHS**
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia Insulation

The CAPE ASBESTOS CO. Limited

Morley House, 28-30 Holborn Viaduct, London, E.C.1.
FACTORY, BARKING, ESSEX

United States Sales Agent:
ARNOLD W. KOEHLER
415 LEXINGTON AVE. **NEW YORK CITY**
TELEPHONE—VANDERBILT 6-1477

CAREY NAMES PRODUCTION HEAD

The Philip Carey Mfg. Company has announced the appointment of C. B. Pooler, as Vice President in charge of manufacturing. The Company operates nine plants in the United States and Canada.

C. B. Pooler

Mr. Pooler has spent practically all of his life in the Building Material Industry. He was born in Fort Dodge, Iowa and trained as an electrical and mechanical engineer. He has served as production manager, plant manager, division operations manager and manager of labor relations in plants producing fabricated steel, metal lath, insulating board, roofing, paints, paper, asbestos and gypsum products.

"ASBESTOS" wishes him success in his new work.

C. H. LATCHEM REPRESENTS CAROLINA

The Carolina Asbestos Company of Davidson, N. C., announces the appointment of C. H. Latchem as their Mid-West representative, with headquarters at 592 N. Wabash Avenue, Wabash, Ind.

Mr. Latchem has long been identified with the Asbestos Textile Industries and allied lines, his first connection with the Industry having been in 1919 with the Mikesell Company, in Wabash. In 1922 he joined the Southern Asbestos Company of Charlotte, N. C., and was later made Vice President of that Company. In 1930 he resigned from the Southern Asbestos Company to become President of the Rockwool Products Company of Wabash.

He came with the Carolina Asbestos Company in 1937 as Vice President and General Sales Manager, but resigned in 1939 to accept a Government Commission which took him to Trinidad and British Guiana, and later returned to this country to serve in the Rockwool Division of the War Production Board.

Feeling that industry required his services, particularly for post-war planning, more than Government, Mr. Latchem was induced to return to Carolina Asbestos Company as Sales Representative in the Mid-West Territory.

The Carolina Asbestos Company believes that Mr. Latchem's wide experience and knowledge of problems of industry will be of invaluable assistance to its customers in the Mid-West Territory.

. . . —

THE INVASION HAS BEGUN—BUY WAR BONDS

CAROLINA ASBESTOS COMPANY

CUSTOM MANUFACTURERS
OF
ASBESTOS TEXTILE PRODUCTS

CAROLINA ASBESTOS TEXTILES

ARE COMPLETELY ENGINEERED FOR MODERN REQUIREMENTS IN THE MANUFACTURE OF SAFETY-CLOTHING, ELECTRICAL HEATER-CORDS, DRYER-FELTS, PLASTICS AND MANY OTHER PRODUCTS REQUIRING THE USE OF ASBESTOS TEXTILES.

ASBESTOS YARN — CORD — CLOTH
ASBESTOS ROVING — TUBING — WICKING
ASBESTOS CARDED FIBRES — LISTING TAPES
OIL BURNER WICKING

CAROLINA ASBESTOS COMPANY

EXECUTIVE OFFICES:
DAVIDSON, N. C.

FACTORIES:
DAVIDSON, N. C.
MARSHVILLE, N. C.

GEORGE F. STONE PASSES AWAY

George F. Stone, Deputy Director of the Cork, Asbestos & Fibrous Glass Division of the War Production Board, died on May 31st, in Washington, D. C., after a month's illness. He was 67 years old.

Born in Bristol, Pa., he studied law at the University of Pennsylvania and began his business career as confidential secretary to the President of Cramp's Shipyard.

George F. Stone

Mr. Stone entered the Asbestos Industry in February 1922 when he became Manager of the Baltimore Office of the Keasbey & Mattison Company. Later he was Manager of the Cleveland Office of the same company, and in 1930 was transferred to their headquarters in Ambler as assistant to the General Sales Manager, later becoming General Sales Manager. He resigned from the Keasbey & Mattison Company January 15, 1936.

In August 1942 Mr. Stone went to Washington as Chief of the Asbestos Section of the Cork and Asbestos Branch of the War Production Board, and on May 31st, 1943, was made Deputy Director of the Cork, Asbestos & Fibrous Division, which position he held at the time of his death.

Mr. Stone had many friends in the Asbestos Industry and his death means a real loss to this industry.

GEORGE A. PETTERS: ASSISTANT MANAGER

Johns-Manville has announced the appointment of George A. Petters to the position of assistant manager, Dealer Building Materials. Mr. Petters, who formerly was staff manager, insulating board products, will act as general assistant to C. F. Ames, Jr., manager of the Dealer Building Materials Department.

William W. Cullin has been promoted to succeed Mr. Petters as staff manager on insulating board products. Mr. Cullin formerly was engineering consultant of the blown rock wool insulation department of the company. He was also chairman of the technical committee of the National Mineral Wool Association.

George A. Petters

. . . —

THE INVASION HAS BEGUN—BUY WAR BONDS

NEW RIC-WIL PRODUCT

Making final field connections on Ric-wiL Prefabricated Insulated Pipe Conduit has been greatly facilitated by a drive coupler, eliminating the need for skilled workmen and still further reducing installation time. The coupler is adaptable to mechanical or welded closure—the operations in either case being much simpler than former methods.

Coupler Being Applied

Ric-wiL insulated Conduit is shipped to the job site in convenient 21 foot sections—completely prefabricated with pipe or pipes, insulation and aligning pipe supports. The product is adaptable to underground, surface or overhead installation. Readers who would like further information should write The Ric-wiL Company, 1572 Union Commerce Building, Cleveland, Ohio, and ask for Bulletin 4404.

"PROFITABLE FARM BUILDINGS"

The Ruberoid Co., is distributing an illustrated booklet under the above title to county agents and public service departments of agricultural colleges thruout the country.

The booklet (36 pages) fully describes certain of the company's building products, including Stonewall asbestos-cement building board and the "Tite-On" type of interlocking asphalt shingles.

Ths booklet answers many of the problems of the farmer, particularly how in the face of the many wartime restrictions on building materials, to make necessary repairs on existing farm structures, how to provide urgently needed additional small buildings and how to do these things quickly and at a cost low enough to yield a reasonable return on the investment.

We are certain The Ruberoid Co. will be glad to send a copy of this booklet to any of our readers, if you tell them that you read about it in "ASBESTOS".

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THE RUBEROID CO. The Board of Directors has declared a dividend of 15c per share on the capital stock of the corporation payable June 26, 1944, to stockholders of record at the close of business on June 10.

A dividend of 15c per share was paid previously this year on March 20.

FLINTKOTE'S SALES MEETINGS

A series of informal regional meetings with the Flintkote sales organizations were held during May, being conducted by two top officials—I. J. Harvey, Jr., president and director of the company and Stuart H. Ralph, director and vice president in charge of the company's building material division.

Meetings were held in Detroit on May 5, Chicago on May 6, New Orleans on May 8, New York on May 15 and Boston on May 16. All these meetings were with district groups except the New Orleans meeting which included personnel of Flintkote's three Southern districts, Waco, Atlanta and New Orleans.

I. J. Harvey, Jr.

The subjects discussed included current sales problems, the immediate and post-war outlook for the construction industry and a frank interchange of information and ideas concerning the Company's post-war plans.

Mr. Harvey, who is also a director of Lehman Corporation, New York, and a regional director of the American Mutual Liability Insurance Company, Boston, is active in construction industry affairs nationally. In March he completed ten years as president of The Flintkote Company.

Mr. Ralph has been intimately associated with the sale of Flintkote products since 1930 and has a wide acquaintance among building material manufacturers and distributors thruout the country. For the past four years he has served as chairman of the annual Building Products Executives' Conference in Washington. He is president of the Insulation Institute, chairman of the Asphalt and Tarred Roofing Industry Advisory Committee of the OPA, member of the executive committee of the Asbestos-Cement Products Association and chairman of the public relations committee of the Asphalt Roofing Industry Bureau.

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THE 47TH ANNUAL MEETING of the American Society for Testing Materials will be held at the Waldorf-Astoria Hotel, New York City, June 26 to 30 inclusive.

The Marburg Lecture, always an outstanding event of the annual meetings, will be made this year by Dr. Harold DeWitt Smith, Vice President of the Textile Research Institute, Inc. His subject will be "Textile Fibres—An Engineering Approach to an Understanding of their Properties and Utilization."

DEATH OF WILLIAM D. SMITH

William D. Smith, General Manager of Smith & Kanzler Corporation, passed away on Sunday, June 4th. He was only 45 years old.

Mr. Smith was born in Elizabeth, N. J., the son of William D. and Catherine Ward Smith. He had been connected with the Smith & Kanzler Corporation of Elizabeth, for the past twenty-three years.

His death, which came after a brief illness, is a shock to his many friends in the Asbestos Industry.

LT. COL. J. G. ROSS RETIRES

The Asbestos Corporation Limited announces the retirement of Lt. Col. J. G. Ross from the active management of the Company, due to his having reached retirement age.

Col. Ross has been appointed Consulting Engineer of the Company and will remain on the Board of Directors, so that his long experience in the industry will remain available to the Company.

. . . —

MANHATTAN RUBBER MFG. COMPANY recently received advice from Robert P. Patterson, Under Secretary of War, that its Army-Navy "E" award for meritorious services on the production front has been renewed. The company was presented with the original award—the Army-Navy "E" burgee—on October 28, 1943. The White Star, which the renewal adds to the burgee, signifies that Manhattan employees have continued to maintain the high production standard which won the original award.

CANADIAN ASBESTOS ONTARIO, LIMITED, of Toronto, Ont., Canada, have moved their office to 27 Front Street East, in order to provide extra space and facilities because of expansion. P. Gysler is President of this concern. They were formerly located at 14 Front street.

HARRY DUTTON, head of the Dutton Asbestos & Supply Company, San Francisco, recently visited the East in a combined business and pleasure trip.

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Copies of patents can be obtained by sending 10c (in coin) to The Commissioner of Patents, Washington, D. C., giving the patent number, date it was issued, name of patentee and name of invention.

Pneumatic Tire. No. 2,344,827. Granted on Mar. 28, 1944, to Orville Liermann, Manitowoc, Wis. Application June 11, 1942. Serial No. 446,552.

In a tire casing comprising metallic bead hoops, a canvas

strip wound about said hoops to form a tubular base of moldable layers and cleat blocks adhesively secured to the casing tread; the combination of a pliable skin coating enveloping the side walls of said casing composed of one part asbestos, seven parts asphalt and one part non-oxidizing agent, whereby said casing side walls are protected and indefinitely retain their resiliency.

Building Material and Method of Applying Same. No. 2,345,221. Granted on March 28, 1944 to George E. Swenson, Hastings on Hudson, N. Y., assignor to Celotex Corporation Chicago, Ill. Application September 23, 1938. Serial No. 231,411. (Not Asbestos). Description upon request.

Shingle and Method of Making Same. No. 2,347,250. Granted on April 25, 1944 to Clinton B. Burnett, Waukegan, Ill. Assignor to Johns-Manville, New York. Application March 19, 1941. Serial No. 384,063. (Asphalt) Description upon request.

Wall Construction. No. 2,347,756. Granted on May 2, 1944 to George E. Swenson, Hastings-on-Hudson, N. Y., assignor to Celotex, Chicago. Application January 8, 1942. Serial No. 426,091. Description upon request.

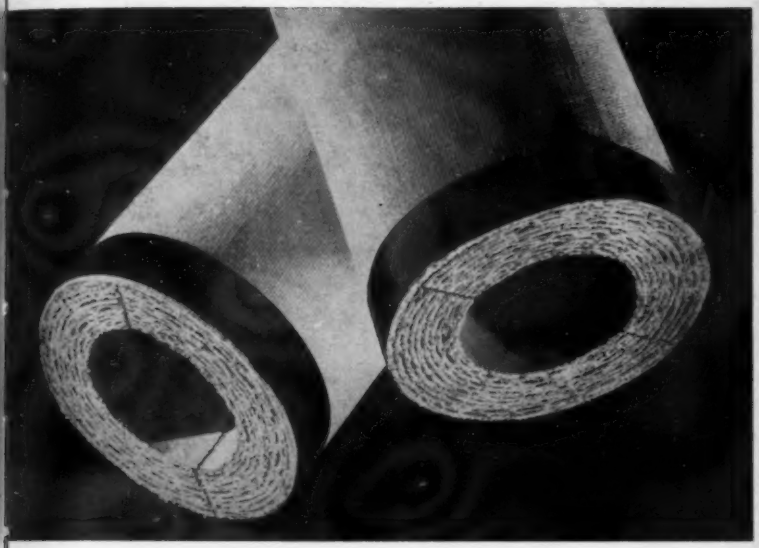
Ornamental Granular-faced Composition Shingle. No. 2,348,223. Granted on May 9, 1944, to Michael W. Papesh, Joliet, Ill., assignor to The Ruberoid Co., New York. Application February 9, 1942. Serial No. 430,054. Description upon request.

Manufacture of Structural Shapes and Resultant Product. No. 2,348,614. Granted on May 9, to August M. Dinkfeld, Berkeley, Calif., and Thomas C. Pond, Parsons, Kans. Assignors to Johns-Manville Corporation, New York. Application October 21, 1942. Serial No. 462,842.

1. A fireproof structural shape comprising a major proportion of basic magnesium carbonate incorporating reinforcing material, said magnesium carbonate being strongly bonded by formation in situ by conversion from self-setting normal magnesium carbonate and said shape having a density greater than 40 lbs. per cubic foot and a modulus of rupture greater than 800 lbs. per square inch.

12. In manufacturing fireproof and waterproof shingles and the like, the steps comprising forming a substantially dry mixture of finely divided normal magnesium carbonate, 8-12% asbestos fibres and not to exceed 5% by weight of magnesium oxide, molding said mixture while heating it to about 170° F. under a pressure of at least 3,000 lbs. per square inch, curing the molded shape at an elevated temperature not substantially exceeding 190° F. and under a pressure of at least 3,000 lbs. per square inch for a period sufficient to convert the normal carbonate to basic carbonate and finally drying the thus cured shape.

Asbestos-Cement Shingles. No. 2,348,804. Granted on May 16, 1944 to William Gerity, Rutherford, N. J., assignor to Patent



V-Dent Pipe Covering

For men who know the value and appreciate
the ease of application

NORRISTOWN
MAGNESIA & ASBESTOS COMPANY
NORRISTOWN, PENNSYLVANIA

& Licensing Corporation, New York. Application April 11, 1940. Serial No. 329,044.

In the manufacture of asbestos-cement products from a wet slurry of cement and asbestos fibre, the steps which comprise maintaining said slurry at a temperature of 110-120° F., forming wet plies from said slurry by dewatering the cement and building up a sheet by laminating a pre-determined number of said plies while wet.

Heat Insulation Structure. No. 2,348,829. Granted on May 16, 1944 to Roger A. MacArthur and Harold W. Greider, Wyoming, Ohio, assignors to the Philip Carey Mfg. Company. Application July 20, 1939. Serial No. 285,544.

A method of making heat insulation which comprises making a slab of high temperature heat insulation material in a filter mold by forcing an aqueous slurry of solid heat insulation ingredients into the mold with drainage of water from the mold, removing the formed slab from the filter mold, then trimming and drying said slab making an aqueous slurry comprising normal magnesium carbonate and mineral fibres, molding said slurry in the form of a slab in integral contact with one surface of said slab of high temperature heat insulation material and then heating the resulting composite structure to convert said normal magnesium carbonate to a basic magnesium carbonate, thereby forming a composite heat insulation comprising a slab of low temperature heat insulation material integral with a slab of high temperature heat insulation material.

PUBLICATIONS AVAILABLE

The Asbestos Factbook (2nd Edition)—Much information about asbestos, in compact form—10c per copy.

Canadian Chrysotile Asbestos Classification (reprint)—25c per copy, or 15c ea. in quantities of 10 or more.

Twelve Estimating Tables with Chart. Convenient in figuring flange fittings and other areas—$1.00 per set.

Manual of Unit Prices (for figuring pipe covering and blocks)—30c per copy postpaid.

Processing Asbestos Fibres (Reprint)—of interest to textile plant superintendents or foremen—25c per copy.

Tests for Cotton Content (Reprint from May 1944 "ASBESTOS" 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. Reprinted from Page 27, February 1944 "ASBESTOS". 20c each

Asbestos: The Magic Mineral, by Lilian Holmes Strack. Especially interesting to school children—$1.00 per copy.

Order any of the above from "ASBESTOS", 17th Fl., Inquirer Bldg., Philadelphia, 30, Pa.

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THE INVASION HAS BEGUN—BUY WAR BONDS

Sound the Alert!

MANAGEMENT
•
LABOR

—for the 5th War Loan drive during June and July. The need for the 5th War Loan is immediate, crucial. For impending events may make the 5th the supreme financial effort of the war.

The U. S. Treasury has set the overall goal at $16,000,000,000—$6,000,000,000 from individuals alone. This is the biggest sum ever asked of the people—*and it must be raised.*

That's why the U. S. Treasury asks Management and Labor to sit down together and organize—NOW!

In planning your quota campaign, work in close cooperation with the Chairman of your War Finance Committee. Everything is set to make the 5th War Loan drive a huge success—with your help!

Here's the Quota Plan:

1. Plant quotas are to be established on the basis of an *average* $100 *cash* (not maturity value) purchase per employee.
2. Regular Payroll Savings deductions made during the drive accounting period will be credited toward the plant quota.
3. 90% of the employees are expected to contribute toward raising the cash quota by buying extra 5th War Loan Bonds: 1—Outright by cash. 2—By extra installment deductions. 3—By extra installment deductions plus cash.

Example: JOHN DOE Mfg. Co.—1,000 Employees

1,000 employees x $100 - $100,000 Cash Quota

Regular Payroll deductions during the eight weekly Payroll Accounting Periods of June and July. 30,000

$70,000 (to be raised by sales of extra Bonds to at least 900 employees)

5TH WAR LOAN

ORGANIZE • SOLICIT • DELIVER

The Treasury Department acknowledges with appreciation the publication of this message by

"ASBESTOS"
PHILADELPHIA, PA.

This is an official U. S. Treasury advertisement—prepared under the auspices of Treasury Department and War Advertising Council.

CURRENT RANGE OF PRICE

As of June 10, 1944

Canadian—	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)
Group No. 1 (Crude No. 1)	$650.00 to $750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry)	165.00 to 385.00
Group No. 3 (Spinning or Textile Fibre)	124.00 to 233.50
Group No. 4 (Shingle Fibre)	62.50 to 82.50
Group No. 5 (Paper Fibre)	44.00 to 49.50
Group No. 6 (Waste, Stucco or Plaster)	33.00 to 34.00
Group No. 7 (Refuse or Shorts)	14.50 to 29.50

Vermont—	Per Ton (2000 lbs.) f.o.b. Hyde Park, Vt.
Shingle Stock Fibres	$62.50 to $65.50
Paper Stock Fibres	44.00 to 54.00
Waste	33.00
Shorts	14.50 to 28.50
Floats	19.50

Note: Crude Run-of-Mine (Canadian) refers to a crude asbestos produced in certain mines where Crude Fibre is not graded into regular No. 1 and 2 Crude. Crude Sundry refers to certain odd lots of off grade material which do not conform to the regular standards of No. 1 Crude or No. 2 Crude.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial and Fiancial Chronicle. No guarantee made as to their correctness.)

		May 1944		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	36	41½	41⅜
Asbestos Corp. (Com.)	np	18⅞	20¾	20
Celotex (Com.)	np	11	12¼	12¼
Celotex (Pfd.)	20	17	17⅞	17¾
Certainteed (Com.)	1	4¾	6¼	6⅛
Certainteed (Pfd.)	100	57	67½	67½
Flintkote (Com.)	np	18⅜	23	22½
Flintkote (Pfd.)	np	105½	111	107
Johns-Manville (Com.)	np	89	95½	95½
Raybestos-Manhattan (Com.)	np	28½	30½	29½
Ruberoid (Com.)	np	28¼	29¾	29¾
Thermoid (Com.)	1	7⅛	7¾	7¾
Thermoid (Pfd.)	10	44½	47	46
U. S. Gypsum (Com.)	20	71	74½	74¼
U. S. Gypsum (Pfd.)	100	170	176½	175
U. S. Rubber (Com.)	10	43¾	48⅝	48⅝
U. S. Rubber (Pfd.)	100	137	143	138

ASBESTOS RM TEXTILES

PROTECTION

THE ELEMENT OF **PROTECTION** . . . PROTECTION TO PERSONNEL AND EQUIPMENT . . . IS A VITAL FACTOR IN MODERN WARFARE. THE WORD **ASBESTOS** HAS ALWAYS MEANT **PROTECTION** TO THE ORDINARY CITIZEN; TO THE SKILLED ENGINEER; AND NOW TO THE MAN IN UNIFORM. IN BRAKE LININGS, STEAM PACKING, CLUTCH FACINGS, SAFETY CLOTHING, CABLE COVERING, ETC., THE PRODUCTS OF **RAYBESTOS-MANHATTAN, INC.,** ARE SERVING THE WAR EFFORT. AFTER THE WAR, THESE SAME PRODUCTS WILL CONTINUE TO BRING SAFETY, SECURITY AND COMFORT TO THE POST-WAR WORLD.

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INDUSTRIAL SALES DIVISION
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